

What is claimed:

1. A film resulting from a coating of a composition comprising:
 - (a) hydroxypropyl cellulose; and
 - (b) at least 10 wt-% fatty alcohol component by total film weight;
 - (c) wherein the film is thermoplastic;
 - (d) wherein the film is configured to disperse in contact with a body fluid of a live human or other animal in 5 minutes or less;
 - (e) wherein the film has a thickness of 1 mm or less;
 - (f) wherein the film has a perimeter area of 15 square cm or less.
2. The film according to claim 1:
 - (a) wherein the fatty alcohol component has a melting point at a temperature at least 20 °C and at most 120 °C.
3. The film according to claim 1:
 - (a) wherein the fatty alcohol component is included at a percentage weight level of the total film sufficient to cause the film to change from a solid to a liquid within a temperature range of 20 °C or less.
4. The film according to claim 1:
 - (a) wherein the fatty alcohol component includes a straight-chain C8 to C20 alcohol.
5. The film according to claim 4:
 - (a) wherein the fatty alcohol component includes at least one alcohol selected from the group consisting of myristyl alcohol, cetyl alcohol, stearyl alcohol, and mixtures thereof.

6. The film according to claim 1:
 - (a) wherein the fatty alcohol component includes stearyl alcohol.
7. The film according to claim 1, the composition further comprising:
 - (a) flavorant.
8. The film according to claim 7:
 - (a) wherein the flavorant includes essential oil component.
9. The film according to claim 8:
 - (a) wherein the essential oil component includes at least one selected from the group consisting of menthol, peppermint oil, eucalyptol, cinnamon oil and mixtures thereof.
10. The film according to claim 1, the composition further comprising:
 - (a) bulking agent.
11. The film according to claim 10:
 - (a) wherein the bulking agent includes carbohydrate.
12. The film according to claim 11:
 - (a) wherein the bulking agent includes carbohydrate sugar having a molecular weight of at least 150 and not more than 600.
13. The film according to claim 10:
 - (a) wherein the bulking agent includes dextrose.
14. The film according to claim 1, the composition further comprising:
 - (a) sweetener.

15. The film according to claim 1, the composition further comprising:
 - (a) medicament.
16. The film according to claim 1:
 - (a) wherein the film is rectangular and has a width of 3 cm or less and a length of 4 cm or less.
17. The film according to claim 1:
 - (a) wherein a perimeter area of the film is 10 square centimeters or less.
18. The film according to claim 1 wherein the perimeter area is at least 4 square centimeters.
19. The film according to claim 1:
 - (a) wherein the film is orally ingestible and
 - (b) wherein the film is configured to disperse in a mouth of a consumer within 30 seconds or less.
20. The film according to claim 1 wherein:
 - (a) the film thickness is at least 0.03 mm and at most 0.1 mm.
21. The film according to claim 1 the composition comprising:
 - (a) 5 to 50 wt-% hydroxypropyl cellulose by total film weight; and
 - (b) 15 to 60 wt-% fatty alcohol by total film weight.
22. The film according to claim 1 the composition comprising:
 - (a) 10 to 25 wt-% hydroxypropyl cellulose by total film weight;
 - (b) 20 to 50 wt-% stearyl alcohol by total film weight;
 - (c) 40 to 60 wt-% dextrose by total film weight; and
 - (d) 1 to 10 wt-% artificial sweetener by total film weight.

23. The film according to claim 22 the composition further comprising:
- (a) 0.5 to 5 wt-% flavorant by total film weight.
24. The film according to claim 23 wherein:
- (a) the flavorant includes essential oil component.
25. A film resulting from a coating of a composition comprising:
- (a) 5 to 50 wt-% hydroxypropyl cellulose by total film weight;
 - (b) 5 to 60 wt-% fatty alcohol component by total film weight;
 - (c) 15 to 80 wt-% dextrose by total film weight; and
 - (d) wherein the film is thermoplastic;
 - (e) wherein the film has a thickness of 1 mm or less; and
 - (f) wherein the film has a perimeter area of 15 square cm or less.
26. The film according to claim 25:
- (a) wherein the film thickness is at least 0.03 mm and at most 0.1 mm.
27. The film according to claim 26:
- (a) wherein the fatty alcohol component has a melting point at a temperature at least 20 degrees C and at most 120 degrees C.
28. The film according to claim 27:
- (a) wherein the fatty alcohol component is included at a percentage weight level of the total film sufficient to cause the film to change from a solid to a liquid within a temperature range of 20 degrees C.
29. The film according to claim 28:
- (a) wherein the fatty alcohol component includes a straight-chain C8-C20 alcohol.

30. The film according to claim 29:
- (a) wherein the fatty alcohol component includes at least one selected from the group consisting of myristyl alcohol, cetyl alcohol, stearyl alcohol and mixtures thereof.
31. The film according to claim 30 the composition further comprising:
- (a) 1 to 20 wt-% artificial sweetener by total film weight;
 - (b) wherein the film is orally ingestible and
 - (c) wherein the film is configured to disperse in a mouth of a consumer within 30 seconds or less.
32. The film according to claim 31 wherein:
- (a) the film has a thickness of 0.03 to 0.1 mm.
33. A film resulting from a coating of a composition comprising:
- (a) 10 to 25 wt-% hydroxypropyl cellulose by total film weight;
 - (b) 20 to 50 wt-% stearyl alcohol by total film weight;
 - (c) 40 to 60 wt-% dextrose by total film weight; and
 - (d) 1 to 5 wt-% artificial sweetener by total film weight;
 - (e) wherein the film has a thickness of 0.03 to 0.1 mm.
 - (f) wherein the film is thermoplastic;
 - (g) wherein the film is orally ingestible; and
 - (h) wherein the film is configured to disperse in a mouth of a consumer within 30 seconds or less; and
 - (i) wherein a perimeter area of the film is 15 square centimeters or less.
34. A method of making a film, the method including the steps of:
- (a) providing a water-soluble film former;

- (b) mixing the film former in a fatty alcohol component to form a mixture; and
 - (c) extruding the mixture to form a coated film, wherein the mixture is at a temperature of at least 65 degrees C when extruded.
- 35. The method according to claim 34:
 - (a) wherein the fatty alcohol component melts at a temperature of at least 20 degrees C and less than 120 degrees C.
- 36. The method according to claim 34:
 - (a) wherein the fatty alcohol component is included at a percentage weight level of the total film sufficient to cause the mixture to have a viscosity of 150,000 centipoise or less.
- 37. The method according to claim 34:
 - (a) wherein the fatty alcohol component includes a straight-chain C8-C20 alcohol.
- 38. The method according to claim 34:
 - (a) wherein the fatty alcohol component includes at least one selected from the group consisting of myristyl alcohol, cetyl alcohol, stearyl alcohol and mixtures thereof.
- 39. The method according to claim 34, wherein the step of mixing the film former in a fatty alcohol comprises:
 - (a) mixing the film former in liquid stearyl alcohol.
- 40. The method according to claim 34, wherein:
 - (a) the water soluble film former is thermoplastic.

41. The method according to claim 40, wherein the step of providing a water soluble film former comprises:
- (a) providing hydroxypropyl cellulose.
42. The method according to claim 34, wherein the step of extruding the mixture comprises:
- (a) extruding the mixture through a slot die.
43. The method according to claim 34, further including the steps of:
- (a) prior to extruding the mixture to form the coated film, solidifying the mixture to form a solid material;
 - (b) melting the solid material to form a melted material; and
 - (c) extruding the melted material.
44. The method according to claim 34, further including the steps of, after extruding the mixture:
- (a) trimming away a portion of the coated film at edges of the coated film;
 - (b) melting the trimmed-away portion of the coated film to form a melted material; and then
 - (c) extruding the melted material to form a second coated film.
45. A film formed by the method including the steps of:
- (a) providing a water-soluble film former;
 - (b) mixing the film former in a fatty alcohol component to form a mixture, wherein the fatty alcohol component is at least 10 wt-% by total film weight; and
 - (c) extruding the mixture to form a coated film, wherein the mixture is at a temperature of at least degrees 65 degrees C when extruded.
 - (d) when the coated film cools to 30 degrees C or lower, the extruded film is non-tacky.

46. The film according to claim 45, wherein:
- (a) the film former includes liquid stearyl alcohol.
47. The film according to claim 46, wherein:
- (a) the water soluble film former is thermoplastic.
48. The film according to claim 47, wherein:
- (a) the water soluble film former is hydroxypropyl cellulose.
49. The film according to claim 45, wherein:
- (a) the mixture is extruded through a slot die.
50. A method of making a film, the method including the steps of:
- (a) providing a water-soluble film former;
 - (b) mixing the film former with a substance to form a mixture having less than 5 wt-% water; and
 - (c) extruding the mixture to form a coated film, wherein the mixture is at a temperature of at least 65 degrees C when extruded.
51. The method according to claim 50, wherein the step of mixing the film former to form the mixture comprises:
- (a) mixing the film former with a fatty alcohol.
52. The method according to claim 51, wherein the step of mixing the film former with a fatty alcohol comprises:
- (a) mixing the film former with a fatty alcohol component that has a melting point of at least 20 °C and not greater than 120 °C.

53. The method according to claim 52, wherein the step of mixing the film former with a fatty alcohol comprises:

- (a) mixing the film former with stearyl alcohol.

54. The method according to claim 50, wherein the step of providing a water soluble film former comprises:

- (a) providing hydroxypropyl cellulose.

55. The method according to claim 50, wherein the step of extruding the mixture comprises:

- (a) extruding the mixture through a slot die.